

IMPORTANT SAFEGUARDS

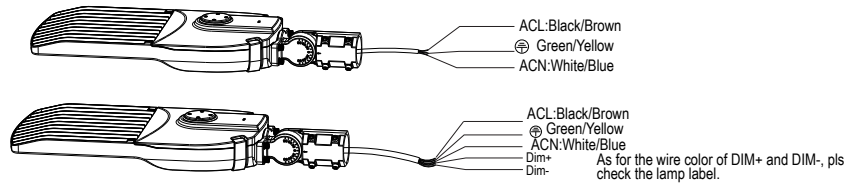
Cautions:

1. Avoid using an electric generator to test the LED lamp.
2. Ensure compliance with applicable national, regional, and local laws and regulations during fixture installation.
3. To prevent electrical shock or damage, refrain from installing the lights on rainy days.

Notices:

1. Always wear gloves to avoid injury before installing lamps.
2. To prevent electric shock or fire risks, installation must be performed by personnel with professional electrical knowledge.
3. If smoke, fire in the wires, or lamp malfunction occurs during or after installation, turn off the power immediately and notify qualified personnel for inspection and repair.
4. This light is suitable for outdoor installation.
5. Avoid installing the light in hazardous environments, and ensure the ambient temperature does not exceed the product's rated operating temperature.
6. Do not install the product during rain to avoid lightning hazards and potential accidents.
7. Only external 0-10V passive dimmers are supported.

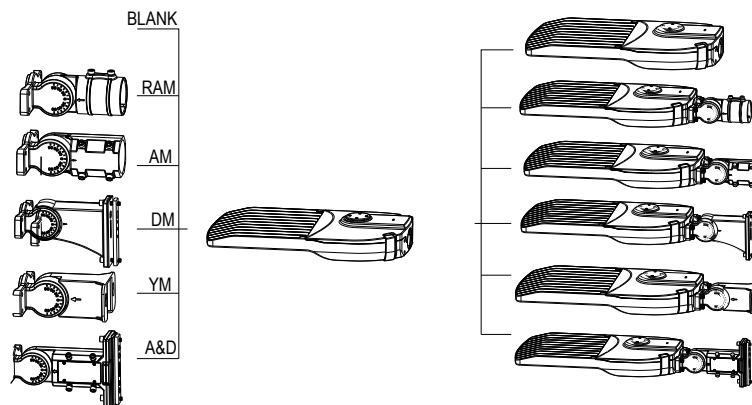
General Wiring Diagram:



Notice: Use the dimming+ and dimming- (DC 10V) marked leads to connect to an external dimmer.
 Class 1 wiring only.
 Ensure a cumulative leakage current of less than 3.5mA on the control circuit.
 The AUX control wire, covered with shrinkable tubing, must remain undamaged and disconnected (no connection).

Optional Brackets And Installation Instructions:

This fixture offers six optional brackets. Below are the street light fixtures equipped with various bracket options.



Installation Instructions With Different Brackets:

1. Round Adjustable Fitter Mounting (RAM)

- Step 1: Unscrew the bracket mounting screws from the fixture and thread the wires through the bracket. (Figure 1)
- Step 2: Attach the bracket to the fixture. (Figure 2)

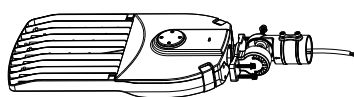


Figure 1

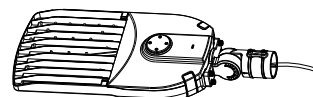


Figure 2

2. Adjustable Fitter Mounting (AM)

- Step 1: Unscrew the bracket mounting screws on the fixture, open the side lid of the bracket, and guide the wires through the bracket. (Figure 3)
- Step 2: Attach the bracket securely to the fixture. (Figure 4)

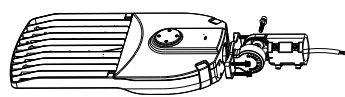


Figure 3

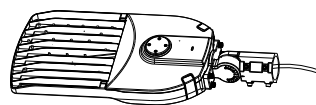


Figure 4

3. Direct Mounting (DM)

Step 1: Unscrew the bracket mounting screws on the fixture, open the side lid of the bracket, and pass the wires through the bracket. (Figure 5)

Step 2: Secure the bracket to the fixture, close the lid, and tighten it. (Figure 6)



Figure 5

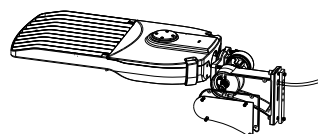


Figure 6

4. Yoke Mounting (YM)

Step 1: Unscrew the bracket mounting screws on the fixture and pass the wires through the bracket. (Figure 7)

Step 2: Attach the bracket to the fixture. (Figure 8)

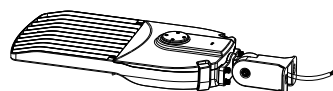


Figure 7

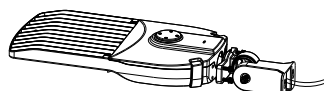


Figure 8

5. Adjustable Fitter Mounting & Direct Mounting (ADM)

Step 1: Unscrew the bracket mounting screws on the fixture, open the side lid of the bracket, and thread the wires through the bracket. (Figure 9)

Step 2: Attach the bracket to the fixture, then close the side lid and tighten it. (Figure 10)

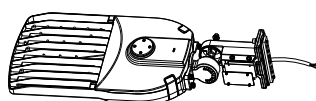


Figure 9

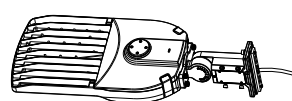


Figure 10

Installation of LED Lamps :

1. Installation Without Mounting Bracket (BLANK)

Step 1: Open the buckles to remove the cover of the driver box (Figure 11, Figure 12).

Step 2: Lower the support frame to hold the cover of the driver box in place (Figure 13).

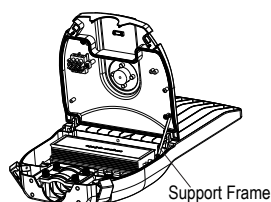


Figure 11

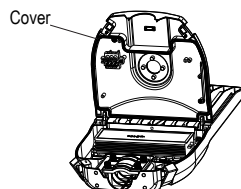


Figure 12

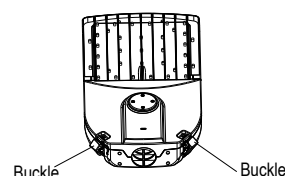


Figure 13

Step 3: Use an M6 hex wrench to remove the tube fixing buckle (Figure 14).

Step 4: Pass the wiring through the driver box, secure the round tube fixing buckle, install the product onto the round pipe, and then fasten the fixing buckle (Figure 15).

(The outer diameter of the round tube must be between 1.96" and 2.36").

Step 5: Perform the necessary wiring according to the marking instructions on the wiring connector inside the driver box (Figure 16).

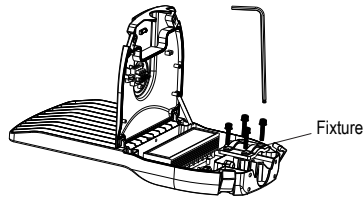


Figure 14

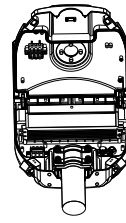


Figure 15

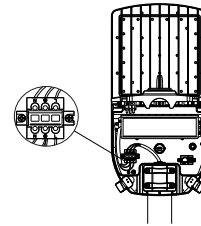


Figure 16

Step 6: Raise the support frame, close the cover of the driver box, and secure the cover buckles (Figure 17).

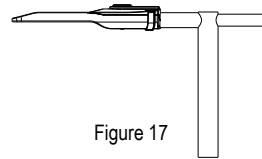


Figure 17

2. Round Adjustable Fitter Mounting (RAM)

Step 1: Loosen the two bolts on the AM bracket, connect the wires correctly, and thread the wires into the poles (Figure 18).

Step 2: Position the bracket into the pole and tighten the four bolts (Figure 19).

Notice: The adjustable angle range is 0-90° (Figure 18).

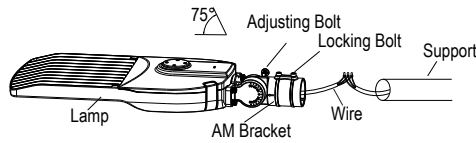


Figure 18

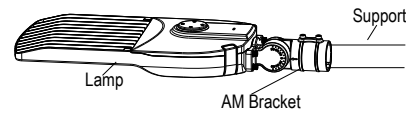


Figure 19

3. Adjustable Fitter Mounting (AM)

Step 1: Loosen the four bolts on the AM bracket, connect the wires correctly, and thread the wires into the poles (Figure 20).

Step 2: Position the bracket into the pole and tighten the four bolts (Figure 21).

Notice: The adjustable angle range is 0-90° (Figure 20).

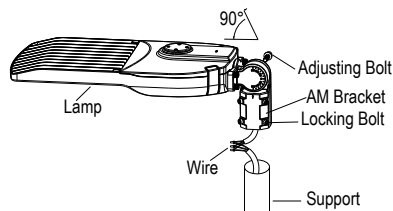


Figure 20

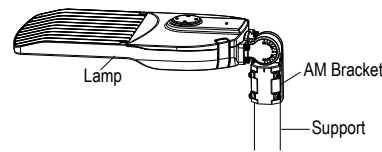


Figure 21

4. Direct Mounting (DM)

Step 1: Attach the DM bracket to the square pole with a bolt, open the side lid of the DM bracket, pull the wire into the junction box, and connect the wire correctly (Figure 22).

Step 2: Place the connected wire into the junction box, then cover the junction box (Figure 23).

Notice: The adjustable angle range is 0-30° (Figure 22). For round pole installation, ensure the silicon plate is removed before installing the fixture (Figure 24).

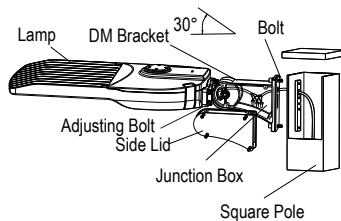


Figure 22

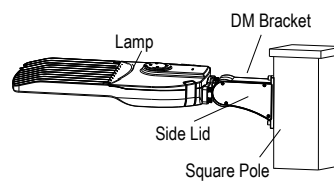


Figure 23

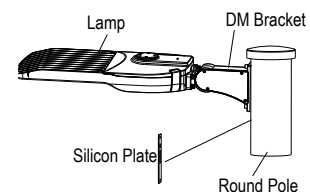


Figure 24

ROBUS COBRA HEAD STREET LIGHT

5. Yoke Mounting (YM)

Step 1: Drill holes in the wall as shown (Figure 25).

Step 2: Insert the expansion bolts into the wall (Figure 26).

Step 3: Attach the fixture to the bracket and tighten the screws; connect the wires properly and place them into the junction box (Figure 27).

Notice: The adjustable angle is 0-75° (Figure 27).

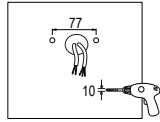


Figure 25

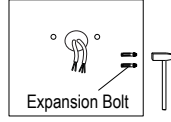


Figure 26

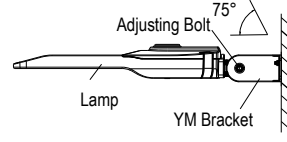


Figure 27

6. Adjustable Fitter Mounting & Direct Mounting (ADM)

6.1 Adjustable Fitter Mounting

Step 1: Remove the spare parts from the A&D bracket (Figure 28).

Step 2: Loosen the four bolts on the A&D bracket, connect the wires correctly, and pull the wires into the poles (Figure 29).

Step 3: Place the bracket onto the pole and secure the four bolts (Figure 29).

Notice: The adjustable angle is 0-75° (Figure 29).

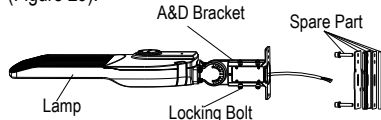


Figure 28

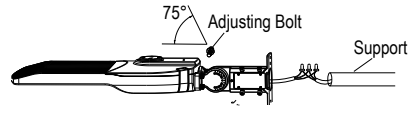


Figure 29

6.2 Direct Mounting

Step 1: Remove the four bolts from the A&D bracket, take out the four rubber plugs from the installation bar, and place the rubber plugs in the spots where the bolts were previously located on the bracket to ensure waterproofing (Figure 30).

Step 2: Secure the A&D bracket to the square pole with bolts, open the cover of the A&D bracket junction box, pull the wires into the bracket junction box, connect the wires properly, and close the junction box (Figure 31).

Notice: The adjustable angle is 0.75° (Figure 31). For round pole installation, please remember to use the adapting plate (Figure 32).

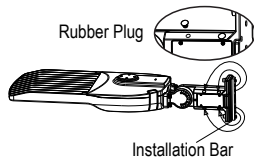


Figure 30

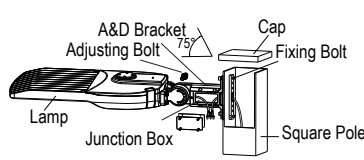


Figure 31

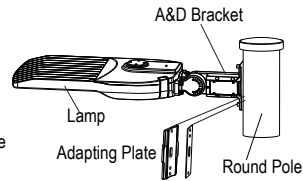


Figure 32

Instruction For Photocell:

When the photocell function is required, the photocell should be installed on the back of the lamp. When it's not required, the shorting cap should be installed on the back of the lamp (Figure 33).

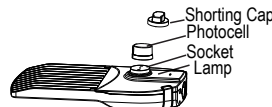


Figure 33

Instruction For Motion Sensor:

For products with a motion sensor function, the induction module should be installed into the socket of the motion sensor (Figure 34).

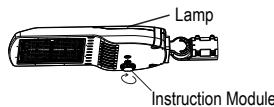


Figure 34

Description of Power Selectable Function:

For LED lamps with a power selectable function, open the driver box cover and adjust the dimmer knob to the desired setting (100W, 125W, 150W) as shown in (Figure 35).

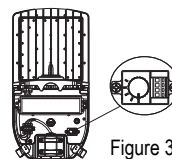


Figure 35

MIN 75 °C SUPPLY CONDUCTORS THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE ONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDOUS INVOLVED.